

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L12	0	((((field-programmable "field programmable") with (device memory chip \$5circuit EPROM RAM)) and (((field pakag\$3) near2 (repair program\$4)) and (redundant near4 (memory cell block))))).clm.	US-PGPUB	OR	ON	2006/08/14 17:25

Interference Search History

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L12	0	((((field-programmable "field programmable") with (device memory chip \$5circuit EPROM RAM)) and (((field pakag\$3) near2 (repair program\$4)) and (redundant near4 (memory cell block))))).clm.	US-PGPUB	OR	ON	2006/08/14 17:25
L11	0	((((field-programmable "field programmable") near2 (device memory chip \$5circuit EPROM RAM)) and (((field pakag\$3) near2 (repair program\$4)) and (redundant near4 (memory cell block))))).clm.	US-PGPUB	OR	ON	2006/08/14 17:25
L8	1	L7 and ((field-programmable "field programmable") near2 (device memory chip \$5circuit EPROM RAM))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/14 17:23
L10	28	L7 and (error fault mismatch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/14 17:17
L9	1	L7 and ((field-programmable "field programmable") near2 (device memory chip \$5circuit EPROM RAM)) and (error fault mismatch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/14 17:16
S64	10583	((field-programmable "field programmable") near2 (device memory chip \$5circuit EPROM RAM))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/14 17:08
L7	37	L6 and (((field pakag\$3) near2 (repair program\$4)) and (redundant near4 (memory cell block)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/14 17:07

## EAST Search History

S70	11	S64 and (((field pakag\$3) near2 program\$4) and (redundant near4 (memory cell block)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/14 17:06
S52	10016	(714/42,710,711,718,723 365/200, 201).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/14 17:05
L6	11145	(714/42,710,711,718,723 365/103, 200,201).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/14 17:05
L5	0	(sens\$3 near4 while near2 program\$3) same (memory cell)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/14 15:49
L4	0	(sens\$3 near4 while near2 program\$3) with (memory cell)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/14 15:49
L3	0	(sens\$3 near2 while near2 program\$3) with (memory cell)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/14 15:48
S71	2	"4545111".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/11 14:42
S68	15	S64 and (((field pakag\$3) near2 program\$4) and (redundant with (memory cell block)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/11 13:03

## EAST Search History

S69	13	S68 not S67	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/11 13:02
S67	2	S64 and (((field pakag\$3) near2 program\$4) same (redundant with (memory cell block)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/11 13:02
S66	2	S64 and (((field pakag\$3) near2 program\$4) same (redundant near2 (memory cell block)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/11 13:01
S65	1048	S64 and ((field pakag\$3) near2 program\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/11 12:58
S62	2	S61 and (field near2 program\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/11 12:53
S61	56	((3-D three-dimensional) near2 (device memory chip \$5circuit EPROM RAM)) same (vertical\$2 near2 stack\$2 near2 (field-programmable "field programmable"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/11 12:38
S63	4	("6034882" "6584541").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/11 12:29
S60	56	((3-D three-dimensional) near2 (memory chip \$5circuit EPROM RAM)) same (vertical\$2 near2 stack\$2 near2 (field-programmable "field programmable"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/11 12:06

## EAST Search History

S59	56	((3-D three-dimensional) near2 (memory chip circuit)) same (vertical\$2 near2 stack\$2 near2 (field-programmable "field programmable"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/11 12:05
S44	41	"three-dimensional memory" same (vertical\$2 near2 stack\$2 near2 (field-programmable "field programmable"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/11 12:03
S58	156	S52 and S57	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/28 13:05
S57	357	S56 and (EEPROM PROM EPROM FPGA "field programmable (gate memory) array")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/28 13:05
S55	238	S53 and (EEPROM PROM EPROM FPGA "field programmable (gate memory) array")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/28 13:04
S56	884	((redundant repair\$4 spare redundancy self-repair ) near4 memor\$4) with ((programmable programming programed) near3 memory)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/28 13:03
S51	1597	((redundant repair\$4 spare redundancy self-repair ) near4 memor\$4) with (programmable programming programed)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/28 13:03
S45	0	(EEPROM PROM EPROM FPGA "field programmable (gate memory) array") same (vertical\$2 near2 stack\$2 near2 (field-programmable "field programmable"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/28 13:02
S53	683	S52 and S51	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/28 13:01

## EAST Search History

S37	29	((714/42,710,711,718,723).ccls.) and ((redundant repair\$4 spare) near4 memor\$4)) and error near4 flag	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/28 13:01
S50	2567	((redundant repair\$4 spare redundancy self-repair ) near4 memor\$4) same (programmable programming programed)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/28 12:59
S2	11707	(redundant repair\$4 spare) near4 memor\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/28 12:58
S49	3	("6344755" "6631487" "6434735"). pn. and ((field near2 program\$4) (field near2 upgrade) on-site)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/28 09:54
S48	3	("6344755" "6631487" "6434735"). pn. and ((field near2 program\$4) (field near2 upgrade))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/28 09:54
S47	6	("6344755" "6631487" "6434735"). pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/28 09:52
S46	0	(PLD PLA EEPROM PROM EPROM FPGA ("field programmable (gate memory) array")) same (vertical\$2 near2 stack\$2 near2 (field-programmable "field programmable"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 17:15
S43	87	"three-dimensional memory" and (vertical\$2 near2 stack\$2 near2 (field-programmable "field programmable"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 17:00
S42	0	Fujisaki-\$.in. and (vertical\$2 near2 stack\$2 near2 (field-programmable "field programmable"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 16:59

## EAST Search History

S41	0	Matsumoto-\$.in. and (vertical\$2 near stack\$2 near (field-programmable "field programmable"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 16:58
S40	45	Matsumoto-\$.in. and (vertical\$2 near stack\$2 (field-programmable "field programmable"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 16:57
S39	24	("6597595" "6498749" "5920502" "5701267" "5642318" "6420215" "6515923" "6525953" "6567287" "2002002854120030115514" "20030115518" "6658438" "6661730").did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/05 13:02
S38	51	"6,597,595" "6,498,749" "5,920,502" "5,701,267" "5,642,318"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/05 12:59
S17	6	((((714/710,711,718,723).ccls.) and error near4 (flag syndrome)) and ((direct or (set or fully near2 associative)) near4 map\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/05 12:16
S5	13	((((714/710,711,723).ccls.) and ((redundant repair\$4 spare) near4 memor\$4)) and error near4 flag	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/05 12:16
S34	87	((714/710,711,718,723).ccls. and address near4 map\$4) and ((redundant repair\$4 spare) near4 memor\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/27 13:49
S33	172	(714/710,711,718,723).ccls. and address near4 map\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/27 13:48
S30	2	(714/710,711,718,723).ccls. and (direct adj mapping set-associative adj mapping fully-associative adj mapping )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/27 13:48

## EAST Search History

S32	122	direct adj mapping and \$4associative adj mapping	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/27 12:02
S31	1227	direct adj mapping sassociative adj mapping	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/27 12:02
S28	1237	direct adj mapping set-associative adj mapping fully-associative adj mapping	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/27 12:02
S29	2	direct adj mapping and set-associative adj mapping and fully-associative adj mapping	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/27 11:57
S27	6	((US-5831989-\$ or US-5469390-\$ or US-6370668-\$ or US-5659678-\$ or US-5410545-\$ or US-5278839-\$ or US-6216247-\$ or US-6185122-\$ or US-6397349-\$).did. or (US-20030115518-\$).did.) and (PROM OTPROM EEPROM FLASH)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/27 11:56
S26	10	(US-5831989-\$ or US-5469390-\$ or US-6370668-\$ or US-5659678-\$ or US-5410545-\$ or US-5278839-\$ or US-6216247-\$ or US-6185122-\$ or US-6397349-\$).did. or (US-20030115518-\$).did.	US-PGPUB; USPAT	OR	OFF	2004/05/26 14:50
S25	36	Higgins-Frank-\$in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/25 16:27
S24	2	((("6216247" "5579265" "5313425" "5784391" "6034882" "5835396" "6462988" "5757700" "6236587" "5469450" "6185122" "4646266" "6016269" "5943254" "5835509" "5796694" "5708667" "5432729" "5872790" "5909049" "5751647").pn.) and (vertical\$2 near2 stack\$2 near2 (field adj programmable or FPGA))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/25 14:54

## EAST Search History

S23	0	((("6216247" "5579265" "5313425" "5784391" "6034882" "5835396" "6462988" "5757700" "6236587" "5469450" "6185122" "4646266" "6016269" "5943254" "5835509" "5796694" "5708667" "5432729" "5872790" "5909049" "5751647"). pn.) and (vertical\$3 near2 stacked near2 (field adj programable or FPGA))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/25 14:53
S22	4	((("6216247" "5579265" "5313425" "5784391" "6034882" "5835396" "6462988" "5757700" "6236587" "5469450" "6185122" "4646266" "6016269" "5943254" "5835509" "5796694" "5708667" "5432729" "5872790" "5909049" "5751647"). pn.) and error near4 (flag syndrome)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/25 14:52
S21	0	((("6216247" "5579265" "5313425" "5784391" "6034882" "5835396" "6462988" "5757700" "6236587" "5469450" "6185122" "4646266" "6016269" "5943254" "5835509" "5796694" "5708667" "5432729" "5872790" "5909049" "5751647"). pn.) and ((stor\$3 writ\$3) near4 (flag syndrome) near5 (memory near6 (cell array block)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/25 14:48
S7	3	((("714/710,711,723).ccls.) and ((redundant repair\$4 spare) near4 memor\$4)) and ((stor\$3 writ\$3) near4 (flag syndrome) near5 (memory near6 (cell array block)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/25 14:48
S6	22	((("714/710,711,723).ccls.) and ((redundant repair\$4 spare) near4 memor\$4)) and error near4 (flag syndrome)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/25 14:48
S20	21	("6216247" "5579265" "5313425" "5784391" "6034882" "5835396" "6462988" "5757700" "6236587" "5469450" "6185122" "4646266" "6016269" "5943254" "5835509" "5796694" "5708667" "5432729" "5872790" "5909049" "5751647"). pn.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/05/25 14:45
S19	4	("6216247" "5579265").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/25 14:37

## EAST Search History

S18	2	("6216247" US005579265A).pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/25 14:36
S16	29	(((((714/710,711,718,723).ccls.) and error near4 (flag syndrome)) and ((oct near3 byte) or ("64" near2 bit)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/25 14:19
S13	7	(((((714/710,711,723).ccls.) and ((redundant repair\$4 spare) near4 memor\$4)) and error near4 (flag syndrome)) and ((oct near3 byte) or ("64" near2 bit)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/25 14:18
S15	158	((714/710,711,718,723).ccls.) and error near4 (flag syndrome)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/25 14:17
S14	3376	(714/710,711,718,723).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/25 14:17
S3	825	(714/710,711,723).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/25 14:17
S12	44	(((((714/710,711,723).ccls.) and ((redundant repair\$4 spare) near4 memor\$4)) and ((oct near3 byte) or ("64" near2 bit)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/25 13:33
S11	26026	((((714/710,711,723).ccls.) and ((redundant repair\$4 spare) near4 memor\$4)) and (oct near3 byte) or ("64" near2 bit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/25 13:33
S10	0	((((714/710,711,723).ccls.) and ((redundant repair\$4 spare) near4 memor\$4)) and (oct near3 byte)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/25 13:30
S9	0	(((((714/710,711,723).ccls.) and ((redundant repair\$4 spare) near4 memor\$4)) and error near4 (flag syndrome)) and (oct near3 byte)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/25 13:30

## EAST Search History

S8	0	(((((714/710,711,723).ccls.) and ((redundant repair\$4 spare) near4 memor\$4)) and ((stor\$3 writ\$3) near4 (flag syndrome) near5 (memory near6 (cell array block)))) and (oct near3 byte)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/25 13:30
S4	387	((714/710,711,723).ccls.) and ((redundant repair\$4 spare) near4 memor\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/25 13:19
S1	3	"024646".AP.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/25 13:17